

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	970	(cone conical) near2 collaps\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 09:03
L2	144	((cone conical) near2 (shape shaped)) near2 collaps\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 09:11
L3	431	((cone conical) near2 (shape shaped)) near2 (collaps\$4 flatten\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 09:24
L4	74	(collaps\$4 flatten\$2) near2 strainer	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 09:12
L6	89	("3438374" "0032208" "0034866" "0036370" "4002173" "4068655" "4140537" "4292972" "4365621" "4372314" "4390519" "4404970" "4405324" "4424208" "4509504" "4515637" "4543410" "4582640" "4597960" "4703108" "4744364" "4749689" "4852568" "4890612" "4979947" "5021059" "5061274" "5100429" "5108421" "5192300" "5192302" "5254105" "5290310" "5292309" "5292332" "5310407" "5320639" "5324306" "5330445" "5334216" "5376376" "5383891" "5383897" "5391183" "5431639" "5449375" "5456693" "5460621" "5486195" "5522840" "5540715" "5569297" "5591205" "5603698" "5624669" "5643318" "5643596" "5645849" "5690674" "5702413" "5728132" "5782860" "5782861" "5823198" "5868762" "5895412" "5906631" "5964782" "5984950" "6071300" "6071301" "6086607" "6162192" "6183496" "6183497" "6183498" "6200328" "6267761" "6270464" "6296657" "6299619" "6315753" "6350274" "6440151" "6447534" "6500152" "6500190" "6554851" "0000644").PN.	USPAT	OR	OFF	2006/07/17 09:22
L7	20	L6 and (collaps\$4 flatten\$2)	USPAT	OR	OFF	2006/07/17 09:22
L8	3	7 and (cone conical)	USPAT	OR	OFF	2006/07/17 09:28
L10	78	((cone conical) near2 (collaps\$4 flatten\$2)) with (disk disc circle)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 09:37
L11	13	L6 and (cone conical)	USPAT	OR	OFF	2006/07/17 09:32

## EAST Search History

L12	53615	"606"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 09:32
L13	105	12 and (cone conical) near2 (collaps\$4 flatten\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 09:33
L14	9	((cone conical) near2 (collaps\$4 flatten\$2)) with (bellows)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/17 09:37
S1	1	"20050010248"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/11 14:07
S2	93	lafontaine-d\$.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/11 14:40
S3	89	("3438374 "0032208 "0034866 "0036370 "4002173 "4068655 "4140537 "4292972 "4365621 "4372314 "4390519 "4404970 "4405324 "4424208 "4509504 "4515637 "4543410 "4582640 "4597960 "4703108 "4744364 "4749689 "4852568 "4890612 "4979947 "5021059 "5061274 "5100429 "5108421 "5192300 "5192302 "5254105 "5290310 "5292309 "5292332 "5310407 "5320639 "5324306 "5330445 "5334216 "5376376 "5383891 "5383897 "5391183 "5431639 "5449375 "5456693 "5460621 "5486195 "5522840 "5540715 "5569297 "5591205 "5603698 "5624669 "5643318 "5643596 "5645849 "5690674 "5702413 "5728132 "5782860 "5782861 "5823198 "5868762 "5895412 "5906631 "5964782 "5984950 "6071300 "6071301 "6086607 "6162192 "6183496 "6183497 "6183498 "6200328 "6267761 "6270464 "6296657 "6299619 "6315753 "6350274 "6440151 "6447534 "6500152 "6500190 "6554851 "0000644").PN.	USPAT	OR	OFF	2006/07/17 09:21
S4	4	("5254105 "5320639 "5643318 "6162240").PN.	USPAT	OR	OFF	2006/07/11 14:11
S5	2	("5254133 "5383897).PN.	USPAT	OR	OFF	2006/07/13 14:46
S6	4	"20020010150" "20020025921" "20020077657" "20030013989"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/11 14:11

## EAST Search History

S7	53	("3908662"   "5234447"   "5364408"   "5478353"   "5776152"   "5782861"   "5817110").PN. OR ("5964782").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/11 14:28
S8	7	("3908662"   "5234447"   "5364408"   "5478353"   "5776152"   "5782861"   "5817110").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/11 14:32
S9	52	S2 and clos\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/11 14:53
S10	4	("5383897" "5254133").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/11 14:57
S11	673	(606/213).CCLS.	USPAT; USOCR	OR	OFF	2006/07/11 17:50
S12	35	S11 and (collaps\$4 near3 (plug clos\$4))	USPAT	OR	OFF	2006/07/12 13:07
S13	673	(606/213).CCLS.	USPAT; USOCR	OR	OFF	2006/07/12 10:27
S14	1	S13 and (collaps\$4 with hook)	USPAT	OR	OFF	2006/07/12 10:16
S15	4	S13 and ((collaps\$4 flat\$5 cave) with hook)	USPAT	OR	OFF	2006/07/12 10:17
S16	37	S13 and ((collaps\$4 flatten\$3) near3 (plug clos\$4))	USPAT	OR	OFF	2006/07/12 10:18
S17	132	S13 and hook	USPAT	OR	ON	2006/07/12 10:22

## EAST Search History

S18	89	("3438374 "0032208 "0034866 "0036370 "4002173 "4068655 "4140537 "4292972 "4365621 "4372314 "4390519 "4404970 "4405324 "4424208 "4509504 "4515637 "4543410 "4582640 "4597960 "4703108 "4744364 "4749689 "4852568 "4890612 "4979947 "5021059 "5061274 "5100429 "5108421 "5192300 "5192302 "5254105 "5290310 "5292309 "5292332 "5310407 "5320639 "5324306 "5330445 "5334216 "5376376 "5383891 "5383897 "5391183 "5431639 "5449375 "5456693 "5460621 "5486195 "5522840 "5540715 "5569297 "5591205 "5603698 "5624669 "5643318 "5643596 "5645849 "5690674 "5702413 "5728132 "5782860 "5782861 "5823198 "5868762 "5895412 "5906631 "5964782 "5984950 "6071300 "6071301 "6086607 "6162192 "6183496 "6183497 "6183498 "6200328 "6267761 "6270464 "6296657 "6299619 "6315753 "6350274 "6440151 "6447534 "6500152 "6500190 "6554851 "0000644").PN.	USPAT	OR	OFF	2006/07/12 10:22
S19	9	S18 and hook	USPAT	OR	ON	2006/07/12 10:26
S20	232	(606/214).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 10:27
S21	1018	(606/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:04
S22	800	(606/148).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:05
S23	45	(606/149).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:05
S24	1189	(606/139).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:05
S25	336	(606/143).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:05
S26	709	(606/144).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:05

## EAST Search History

S27	1478	(606/151).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:05
S28	504	(606/157).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:05
S29	449	(606/158).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:05
S30	143	(606/193).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:05
S31	35	S21 and (collaps\$4 near3 (plug clos\$4))	USPAT	OR	OFF	2006/07/12 13:12
S32	73	S21 and (collaps\$4 near3 (plug clos\$4 seal\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:32
S33	8	S22 and (collaps\$4 near3 (plug clos\$4 seal\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:36
S34	4	S23 and (collaps\$4 near3 (plug clos\$4 seal\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:36
S35	26	S24 and (collaps\$4 near3 (plug clos\$4 seal\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:43
S36	12	S25 and (collaps\$4 near3 (plug clos\$4 seal\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:43
S37	42	S27 and (collaps\$4 near3 (plug clos\$4 seal\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:49
S38	21	S28 and (collaps\$4 near3 (plug clos\$4 seal\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:52
S39	12	S29 and (collaps\$4 near3 (plug clos\$4 seal\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 13:53
S41	1	"6334865".pn.	USPAT	OR	OFF	2006/07/12 13:56
S42	1	"5383897".pn.	USPAT	OR	OFF	2006/07/12 14:37

## EAST Search History

S43	12	(US-20050010248-\$ or US-20020026215-\$).did. or (US-5964782-\$ or US-6623508-\$ or US-6261309-\$ or US-6183496-\$ or US-6077291-\$ or US-4900303-\$ or US-5431639-\$ or US-6699262-\$ or US-6334865-\$ or US-5383897-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/07/12 16:04
S44	9	S43 and (bioabsorbable biodegradable biocompatible bioresorbable)	USPAT	OR	OFF	2006/07/12 14:49
S45	1	"5192302".pn.	USPAT	OR	OFF	2006/07/12 16:04
S46	56	("3221746"   "3266113"   "3276448"   "3874388"   "3981051"   "4169303"   "4214587"   "4259959"   "4593693"   "4617932"   "4665917"   "4744364"   "4917087"   "4920235"   "4997439"   "5047047"   "5171253"   "5234448"   "5254127").PN. OR ("5383897").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 17:18
S47	12	S46 and (collaps\$5 flatten\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 17:18
S48	1018	(606/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/12 18:26
S49	7	S48 and (cone near2 plug)	USPAT	OR	OFF	2006/07/14 13:45
S51	1019	(606/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/13 09:37
S52	7	S51 and (cone near2 (plug collaps\$4))	USPAT	OR	OFF	2006/07/14 13:42
S53	3	S51 and (cone with (collaps\$4))	USPAT	OR	OFF	2006/07/14 13:10

## EAST Search History

S54	89	("3438374" "0032208" "0034866" "0036370" "4002173" "4068655" "4140537" "4292972" "4365621" "4372314" "4390519" "4404970" "4405324" "4424208" "4509504" "4515637" "4543410" "4582640" "4597960" "4703108" "4744364" "4749689" "4852568" "4890612" "4979947" "5021059" "5061274" "5100429" "5108421" "5192300" "5192302" "5254105" "5290310" "5292309" "5292332" "5310407" "5320639" "5324306" "5330445" "5334216" "5376376" "5383891" "5383897" "5391183" "5431639" "5449375" "5456693" "5460621" "5486195" "5522840" "5540715" "5569297" "5591205" "5603698" "5624669" "5643318" "5643596" "5645849" "5690674" "5702413" "5728132" "5782860" "5782861" "5823198" "5868762" "5895412" "5906631" "5964782" "5984950" "6071300" "6071301" "6086607" "6162192" "6183496" "6183497" "6183498" "6200328" "6267761" "6270464" "6296657" "6299619" "6315753" "6350274" "6440151" "6447534" "6500152" "6500190" "6554851" "0000644").PN.	USPAT	OR	OFF	2006/07/13 09:44
S55	5	S54 and actuator	USPAT	OR	OFF	2006/07/13 09:45
S56	34	S54 and (detach\$4 removabl\$ disconnect\$3 frangible)	USPAT	OR	OFF	2006/07/13 09:50
S57	17	S54 and actuat\$3	USPAT	OR	OFF	2006/07/13 09:47
S59	18	("4744364"   "4890612"   "5108421"   "5221259"   "5330446"   "5370660"   "5383896"   "5413571"   "5419765"   "5486195"   "5591205"   "5626601"   "5653730"   "5728132"   "5752974"   "5855559"   "6045570"   "6193670").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/13 14:17
S60	72	harrison-k\$.in.	USPAT	OR	OFF	2006/07/13 16:28
S63	1019	(606/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/14 13:36
S64	8	S63 and (cone near2 (plug seal clos\$5 collaps\$4))	USPAT	OR	OFF	2006/07/14 13:38
S65	14	S63 and ((cone conical) near2 (plug seal clos\$5 collaps\$4))	USPAT	OR	OFF	2006/07/14 13:40
S68	14	S63 and ((cone conical) near2 (plug seal clos\$4))	USPAT	OR	OFF	2006/07/14 13:43

## EAST Search History

S69	5	S68 and collaps\$4	USPAT	OR	OFF	2006/07/14 13:43
S70	1019	(606/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/14 13:46
S71	14	S70 and ((cone conical) near2 (plug seal clos\$4))	USPAT	OR	OFF	2006/07/14 13:51
S72	5	("5192301"   "5454833"   "5522822"   "5626599"   "5634936").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/14 13:47
S75	800	(606/148).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/14 13:51
S76	6	S75 and ((cone conical) near2 (plug seal clos\$4))	USPAT	OR	OFF	2006/07/14 13:52
S77	1191	(606/139).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/14 13:51
S78	4	S77 and ((cone conical) near2 (plug seal clos\$4))	USPAT	OR	OFF	2006/07/14 13:51
S79	6	S75 and (collaps\$4 near2 (plug seal clos\$4))	USPAT	OR	OFF	2006/07/14 13:52
S80	33	S70 and (collaps\$4 near2 (plug seal clos\$4))	USPAT	OR	OFF	2006/07/14 13:52
S81	8	S80 and (cone conical)	USPAT	OR	OFF	2006/07/14 13:53